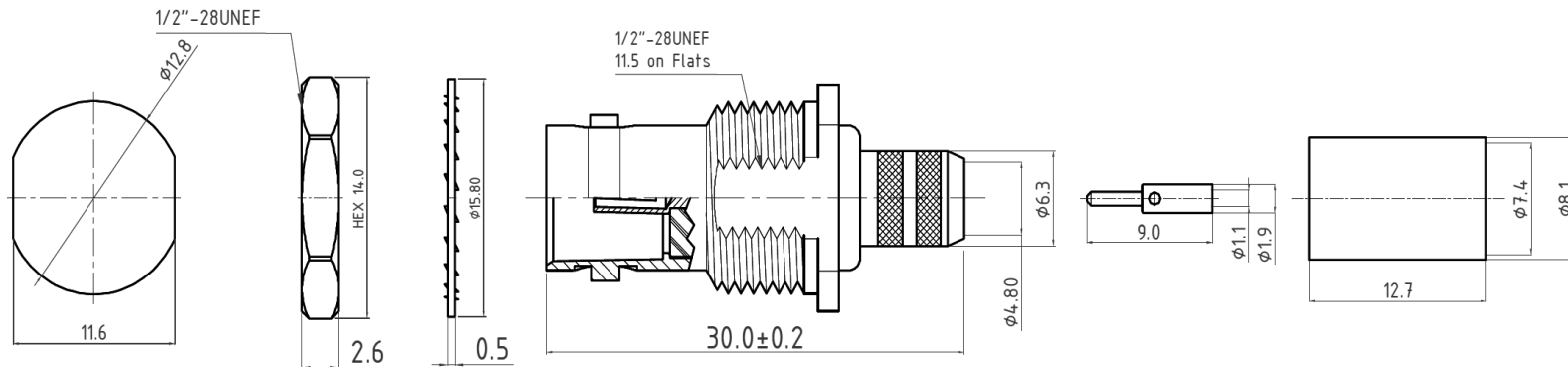
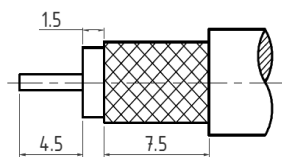
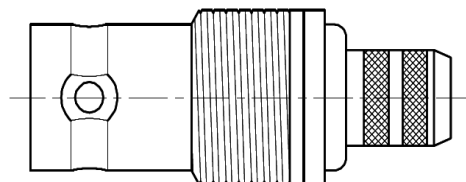




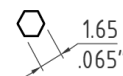
Recommended Panel Cut Out



Recommended Cable Stripping Dimensions



Recommended Crimping
Dimensions for Inner Contact



Recommended Crimping
Dimensions for Ferrule

Finish : [Unit of Plating Thickness Is in Micro Inch(μ)]

1. Nickel Plating Thickness : 50 μ" min.

2. Gold Plating Thickness : 2 μ" max.

Electrical :

Impedance : 75 ohm

Frequency Range : 0~12 GHz .

Voltage Rating : ≥ 500 V rms.(depending on cable)

Insulator Resistance : ≥ 5 GΩ

Dielectric Withstanding Voltage : 1500 V rms .

Contact Resistance : Center Contact ≤ 1.5 mΩ.

Outer Contact ≤ 1 mΩ .

VSWR : < 1.2 (0 ~ 12 GHz)

**For Commercial Grade Connector, Please Specify Your

Electrical Parameter as It May Affect the Cost for Higher

Frequency Application.

Mechanical :

Mating : Bayonet Coupling.

Engagement Force : 0.6~2.5 lbs

Environmental :

Temperature Range : -65°C to 165°C

Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. C

Thermal Shock : MIL-STD-202, Method 107, Cond. B

Mechanical : MIL-STD-202, Method 213, Cond. G

Vibration : MIL-STD-202, Method 204, Cond. B

7	Nut	Brass	Finish 1
6	Lock Washer	Steel	Finish 1
5	Ferrule	Brass	Finish 1
4	Inner Contact	BeCu	Finish 1/2
3	Center Contact	Brass	Finish 1/2
2	Insulator	PTFE	None
1	Body	Brass	Finish 1
ITEM	Description	Material	Finish

TITLE	12GHz BH BNC Cable Socket for B1694A,B4694R,B4694F		
RoHS Compliant	Cambridge Electronic Industries Ltd		
	Denny Industrial Centre, Waterbeach, Cambs. CB25 9QR		
	Tel: 01223 860041		
1.0	Origin	26/06/19	
ISSUE	CHANGE	DATE	
Origin			
Drn.	P. Fayers	26/06/19	
Chkd.			
Dwg. No.	XBT-1071-NGAS		